

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number  
**WO 2004/064277 A3**

(51) International Patent Classification<sup>7</sup>: **H04N 7/26**

(21) International Application Number:  
PCT/GB2004/000159

(22) International Filing Date: 16 January 2004 (16.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0301033.7 16 January 2003 (16.01.2003) GB  
0307444.0 31 March 2003 (31.03.2003) GB

(71) Applicant (for all designated States except US): **SONY UNITED KINGDOM LIMITED** [GB/GB]; The Heights, Brooklands, Weybridge KT13 0XW (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GILLARD, Clive, Henry** [GB/GB]; Cleveland, Hussell Lane, Medstead, Alton, Hampshire GU34 5PF (GB). **COMPTON, Matthew** [GB/GB]; 34 Upper Brook Street, Winchester, Hampshire SO23 8DG (GB). **WILSON, Daniel** [GB/GB]; 16 Edmonds Close, Page Hill, Buckingham MK18 1YR (GB). **CHEN, Jian-Rong** [GB/GB]; 9 Royal Close, Hatch Warren, Basingstoke, Hampshire RG22 4XE (GB).

(74) Agents: **TURNER, James, Arthur et al.**; D. Young & Co., 120 Holborn, London EC1N 2DY (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

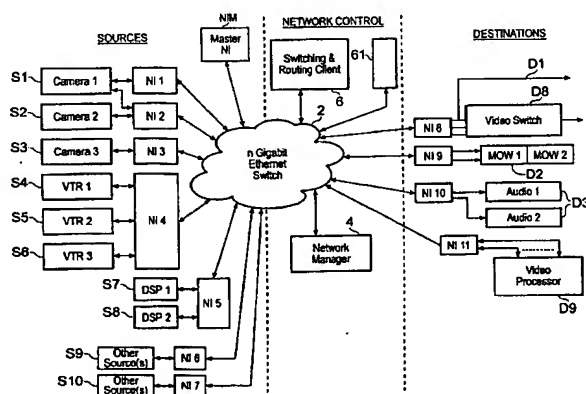
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: VIDEO NETWORK



(57) Abstract: A video network comprises: a plurality of video sources to launch onto the network first, higher resolution, video data and second, lower resolution, video data providing a lower resolution representation of the higher resolution video data; at least one destination device operable to process video received via the network; a network switch for selectively routing data from the video sources to the destination devices; and a network control arrangement connected to the network switch and having: a display device; a graphical user interface (GUI) arranged to display, on the display device, the lower resolution representations of video data from at least a subset of the plurality of sources together with identifiers associating the lower resolution representations with the respective sources; means for user selection, by use of the GUI, of a source of video of the higher resolution and a corresponding destination device; and means for controlling the routing of the higher resolution video data from the selected video source to the selected destination device.

BEST AVAILABLE COPY

WO 2004/064277 A3



**(88) Date of publication of the international search report:**  
18 November 2004

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*